

sat	AW1.120 – Wikis	AW1.121 – BSD	AW1.125 – Game develop- ment	AW1.126 – HPC and compu- tational science
		Welcome to the BSD devroom		
11:00				HPC devroom welcome,...
11:15	A comparison between MediaWiki, TWiki and XWiki...		Event-driven networking library	
11:30		Introduction to FreeNAS development		
11:45	show.tiki.org project: improve bug reporting and...			Using OpenMP to Simply Parallelize CPU-Intensive C Code
12:00				
12:15	Coverage for basic language support components – A...	DTrace integration and quick start	Ethical questions of game developing	
12:30				Kadeploy: From Scalable and Reliable Bare-metal...
12:45	Crowdsourced translation using MediaWiki			
13:00				Quattor – Configuration and Fabric Management Done...
13:15	Counting (on) views — Page views on...		Building a cross platform media layer based on Doom...	
13:30		The EdgeBSD Project		An Overview of Aquilon
13:45	wikiLingo – a unified approach to wysiwyg.....		Game and Simulation development with Qt	Reduce the Storage Consumption of Your Storage...
14:00				
14:15	XWiki Rendering: A content rendering engine			RestFS: the Next Generation Cloud Storage
14:30		The DeforaOS desktop environment		
14:45	VisualEditor		Killer Engine for Remixing Games	How To Save The Environment
15:00				EasyBuild: Building Software With Ease
15:15		Porting FreeBSD on Xen on ARM		HPCBIOS: Getting Your Software, Users &...
15:30	Wikis cross-project collaboration		MADE	
15:45			Ero.coli – a synthetic...	Automatic Testing of Installed Software
16:00				
16:15	Developing the XWiki software			Introduction to Scalasca: A Performance Analysis...
16:30		What's new in FreeBSD 10?	The rise and fall of open source gaming projects	
16:45	Force Multiplication			HPC Node Performance and Power Simulation with...
17:00				
17:15	Wikidata			Solving NP-complete Problems with Metaheuristics
17:30	Repository-based wikis	FreeBSD: toward ports v2	Community based translations of games	Scientific GPU Computing with Google's Go Language
17:45	Useful and Necessary Mediawiki Gadgets			
18:00	5 Unexpected usages of wikis			Open Microscopy Environment
18:15	A web development runtime platform based on the...			
18:30			OpenPandora and a peek into the future	
18:45	Addressing the long tail of applications			

sat	H.1301 (Cornil) – Graphics	H.1302 (Depage) – Distributions	H.1308 (Rolin) – Desktops	H.1309 (Van Rijn) – Configuration management
11:00			Desktops DevRoom Opening	
11:15		Reproducible Builds for Debian	What's cooking in GStreamer	Configuration Management 101
11:30				
11:45			Enlightenment as Standalone Wayland Compositor	
12:00				
12:15	Three Years Experience with a Tree-like Shader IR	Is distribution-level package management obsolete?	Swimming with chum in shark infested waters	Use case: Configuration Management in an enterprise. . .
12:30				ncf
12:45				
13:00				
13:15	State of the X.org foundation	Do you have to be brain damaged to care about desktop Linux?	Anatomy of kdbus	Deploying Cloudstack with Chef
13:30				
13:45			Porting legacy X11/GL applications to Wayland	
14:00				
14:15	Open-Source Miracast	A Method for Distributing Applications Independent from the Distro	Qt Creator for desktop developers	Introduction to Docker
14:30				A metadata ocean in Puppet and Chef
14:45				
15:00			LXQt: Introducing Intents	
15:15	Making the X-server run without root rights	CentOS: Planning for Variants and the Next Chapter		SaltStack
15:30			Unity and convergence to an Ubuntu Touch world	Razor – Provision like a Boss
15:45				
16:00				
16:15	CANCELLED – DRI3000 and Compositing CANCELLED	Fedora.NEXT	Hawaii	
16:30				Foreman integration with Chef (and others)
16:45				
17:00				
17:15	Movit: High-speed, high-quality video filters on the GPU	Debian Contributors	The KDE Frameworks are here	Manageable Puppet Infrastructure
17:30				The classification problem: challenges and solutions
17:45			KDE Connect	
18:00				
18:15	Status of GPU offloading on Wayland		Panel with the governing bodies of the GNOME Foundation and KDE eV	NixOS: declarative configuration Linux distribution
18:30				Service orchestration in the cloud with Juju
18:45				

sat	H.2213 – Legal and policy issues	H.2214 – Open document editors	H.2215 (Ferrer) – Lightning talks	Janson – Main tracks
10:30				Welcome to FOSDEM 2014
10:45				
11:00	Welcome to the Legal and Policy Issues ...	Welcome		How we found a million style and grammar errors in the English Wikipedia
11:15	Trolls Aren't the Only Threat Under the Bridge	WebODF: office in the ...		
11:30		LibreOffice plumbing on ...		
11:45		Changes to 'fields' in ...		
12:00	Open Source Compliance at Twitter	Writer internals: How are ...		Software Archaeology for Beginners
12:15				
12:30		Real-time compatible ODF ...		
12:45		OX Documents		
13:00	Legal and Technical Issues of Safety Critical Devices	Once Upon a Primitive. ...	Lightning Talks opening	Linux tracing with LTTng
13:15		Simplifying reuse with ...	Why You Should Be an Open ...	
13:30		Time based charting for ...	Entangle: Tethered Camera ...	
13:45			How to Build a Tizen. ...	
		Automated import and export testing of file ...		
14:00		Improving the XHTML ...	Armstrong – Music with ...	Making the Linux Kernel better (without coding)
14:15		InteropGrabBag in ...	Do It Yourself OSHW Linux. ...	
14:30		libvenge is suite	Open Source Backup: from ...	
14:45				
15:00	Fiduciary License Agreement	genLang, a new workflow ...	The Linux kernel on ...	Your Application versus GDB
15:15		How to squeeze a language ...	Software engineering ...	
15:30	Patents, Free Software & Standards (Oh My!)	Quality Assurance	Listaller	
15:45				
16:00	JavaScript	Create Sidebar Extensions for OpenOffice	An overview of Sozi	Who ate my battery?
16:15		How to use the new ui. ...	MATE Desktop	
16:30		re-using and ...	Discover DoudouLinux live!	
16:45				
		OpenOffice and Eclipse	MyKolab.com: Free. ...	
17:00	The road ahead for network freedom	Central configuration ...	Jitsi Videobridge and ...	The FOSDEM network
17:15		Debugging BoF	VMUX: P2P plugin-free ...	
17:30		Exploring OpenOffice ...		
17:45		LO++ 14	Distributed VoIP Platforms	
18:00	Open Source Governance best practices roundtable	Liberated Build System: ...	Upipe video pipelines for ...	
18:15		Digital signing of releases	Social and Real-time Web ...	
18:30				
18:45				
		Wrap Up		

sat	K.1.105 (La Fontaine) – Main tracks	K.3.201 – Perl	K.3.401 – PostgreSQL	K.4.201 – Java
11:00		Welcome to the Perl...		The State of OpenJDK
11:15			Managing Postgres in a devops environment	
11:30		Convos, a modern IRC client for your browser		OpenJDK on AArch64 Update
11:45				
12:00				
12:15		Asynchronous programming: Futures	Real-Life PostgreSQL JSON	Shenandoah – an ultra-low pause-time GC for OpenJDK
12:30				
12:45				The OpenJDK PowerPC/AIX port endgame
13:00				
13:15		Perl Community Essentials		
13:30	An Introduction to Sage		A look at the Elephants trunk – PostgreSQL 9.4	
13:45		Writing novels using Perl		
14:00				
14:15	Calc: GPU enabling a spreadsheet		Postgres Performance for Humans	What a Long Strange Trip It's Been: The Past...
14:30		A/B testing: what your mother never told you		The evolution of Android's runtime
14:45				
15:00				
15:15	Dovecot's way of scaling to millions of users	Perl and the Web – A Love Story	Postgres for Application Developers	Adding support for OpenJDK 8 to JamVM
15:30				Ji Gong: Proposal for High Availability JVM...
15:45				
16:00		Perl 5 and Unicode		The Java Native Runtime
16:15	Postfix open source mail server – lessons learned and recent developments		Identifying Hotspots in the PostgreSQL Build Process	
16:30		Nearly Everything you do is Optimization		From Webrev to Betterrev: Facilitating...
16:45		Stop Building Bridges to Nowhere: Build Bridges to...		
17:00			Announcements, Annual Report and Election Results	JDK 7 Updates: Lessons Learned
17:15				
17:30	Mailpile	Net::LDAP		Thermostat 1.0, two years of awesomness and beyond
17:45				
18:00				
18:15				
18:30		Perl 6: what can you do today?		OpenJDK Governing Board Q&A Panel Session
18:45				

sat	K.4.401 – Smalltalk	K.4.601 – Ada	UA2.114 (Baudoux) – MySQL	UA2.220 (Guillissen) – Certification		
11:00		Welcome	Welcome in the MySQL & Friends Devroom ...			
11:15	TDD with BabyMock2	Introduction to Ada for Beginning and Experienced Programmers	Getting started with MySQL Performance Schema			
11:30						
11:45	How to get a JIT Compiler for Free		mysqlv8udfs – Writing MySQL UDFs in Javascript			
12:00						
12:15	Pharo3: Status	Ada Task Pools: Multithreading Made Easy	Galera Cluster IRL	BSDCG Exam Session		
12:30						
12:45					15 Tips to improve your Galera Cluster	
13:00						
13:15	Annual Squeak Shoutout	Informal Discussion & Lunch Break	Advanced Fulltext Search with Sphinx			
13:30						
13:45	Pharo4: Plans and Dreams		MariaDB Connect Storage Engine			
14:00						
14:15	Objective-Smalltalk	SPARK 2014: Hybrid Verification using Proofs and Tests	Incompatible changes proposed in MySQL 5.7	LPI Exam Session 1		
14:30						
14:45	Visualizing Delphi with Moose				Inside MySQL 5.7 Replication Features	
15:00						
15:15	Gravel	Contract Based Programming in Ada 2012	Handling failover with MySQL 5.6 and Global Transaction IDs			
15:30						
15:45	PhaROS				Spider Storage Engine	
16:00						
16:15	A Spoonful of Raspberry Pi	Formal Verification with Ada 2012: a Very Simple...	Sharding and Scale-out using MySQL Fabric	LPI Exam Session 2		
16:30						
16:45		Speedup and Quality Up with Ada Tasking	Troubleshooting performance problems in MySQL			
17:00						
17:15		Safer Web Servers with Ada and AWS	ProxySQL : High Availability and High Performance Proxy for MySQL			
17:30						
17:45					Practical sysbench	
18:00	Getting started with Smalltalk					
18:15		Ada in Fedora Linux				
18:30		Ada in Debian Linux	OSM data in MySQL			
18:45		Ada in *BSD				
19:00		Wrap Up & Future Plans	MaxScale, the Pluggable Router			

sat	UB2.252A (Lameere) – Embedded	UD2.120 (Chavanne) – Virtualisation and IaaS	UD2.218A – Mozilla
11:00			
11:15		Unified Cloud Storage with Synnefo + Ganeti + Archipelago + Ceph	Webmaker and MozEdu – Mozilla in the education and the code
11:30			
11:45			Developing Webapps for Firefox OS
12:00		Dual-Android on Nexus 10 using XEN	
12:15	SoCs + FPGAs		State of Firefox for Android
12:30			
12:45	ABF as a development framework with ARM-powered build nodes by the example of...	Autoscaling best practices	State of Firefox OS
13:00			
13:15		Network Function Virtualization and Network Service Insertion and Chaining	Mozilla Persona: an easy way to sign into websites
13:30	Profiling sensor nodes with call graphs		Designing for Participation and Web Literacy
13:45			
14:00			
14:15		oVirt and OpenStack Storage (present and future)	Google Summer of Code and Mozilla
14:30	MINIX 3 on ARM		
14:45		New Developments and Advanced Features in the Libvirt Management API	JavaScript for the skeptics
15:00			
15:15		Why, Where, What and How to contribute to OpenStack	Servo: building a parallel web browser
15:30	Technical introduction to the deeper parts of SailfishOS, a Qt5-Wayland based mobile OS		Web Audio API
15:45			
16:00		Foreman Project	
16:15	Contributing to the Tizen Project		Extending Firefox Developer Tools
16:30			
16:45	The xpcc microcontroller framework	OSv, a New Operating System Designed for the Cloud	Utilizing GPUs to accelerate 2D content
17:00			
17:15	QtCreator BareMetal development	High Performance Network Function Virtualization with ClickOS	Testing for a Better Web
17:30			
17:45	wolfSSL 2013 Technical and Community Update		Women and Technology
18:00		oVirt applying Nova scheduler concepts for data center virtualization	Observe online tracking with Lightbeam
18:15			
18:30			
18:45		Jailhouse, a Partitioning Hypervisor for Linux	State of Thunderbird

sun	AW1.120 – Wine	AW1.121 – Internet of things	AW1.125 – Software defined radio	AW1.126 – Energy-efficient computing
09:00				
09:15	State of Wine			Energy scavenging, battery life and should we build more power stations
09:30				
09:45				
10:00	Pipelight – Netflix and more via Wine	Welcome to IoT Devroom	Intro to the SDR devroom	Measuring energy consumption in embedded systems
10:15		Flow-based programming for heterogeneous systems		
10:30			Working with GNU Radio	An approach for energy consumption analysis of programs using LLVM
10:45		OpenIoT		
11:00	The User Experience			
11:15		Current State of IEEE 802.15.4/6LoWPAN Stack inside...	Building Link-Layer Protocols in a Lego-like Fashion	spEEDO: Energy Efficiency through Debug support
11:30				
11:45	The Amazing Wine Test Framework	Federating Access to IoT using OAuth		
12:00			osmocom: Overview of our SDR projects	Open Energy Measurement Hardware
12:15		XMPP in the world of IoT		
12:30	Wine BOF			Open Low Power Devices
12:45		LTE in your Linux-based system	Tutorial: OFDM Packet Transceivers	
13:00				
13:15		The Fluksometer as an IoT hub		
13:30	Wine on Android		Towards an Open Source IEEE 802.11p Stack	
13:45		PicoTCP		
14:00			GNURadio as a general purpose DSP environment	
14:15		OpenTRV: resource-constrained computing: less is more		Measuring application energy consumption with instrumented hardware (workshop)
14:30	Performance of Wine and Common Graphics Drivers		Wireless Networks In-the-Loop	
14:45				
15:00			libLTE	
15:15	Direct3D Q&A		GNU Radio Hardware Acceleration on Xilinx Zynq	
15:30				
15:45	Win-builds and Mingw-w64: Package manager and modern toolchains for Windows	Participant driven discussion		MAGEEC
16:00				
16:15			SDR devroom closing session	EACOF: The Energy-Aware Computing Framework
16:30	Wine hacking session			
16:45				

sun	H.1301 (Cornil) – Graphics	H.1302 (Depage) – Distributions	H.1308 (Rolin) – Graph processing	H.1309 (Van Rijn) – Automotive development
09:00			Welcome to Graph Devroom 2014	
09:15				Automotive Development devroom
09:30			Graphbuilder	
09:45				Media wrangling in the car with GENIVI requirements
10:00			From 0 to a complex webapp in 30 minutes	
10:15				Research on an Open-Source Software Platform for Autonomous Driving Systems
10:30	Testing Kernel GFX Drivers	AppStream & Listaller	Fast and Memory Efficient Road Routing with GraphHopper	
10:45				
11:00			The LDDBC Social Graph Data Generator	
11:15	Intel BayTrail graphics overview			Building automotive HTML 5 UIs with Franca
11:30		Cross Distro Automation	Giraph: two years later	
11:45				
12:00			The Power of Graphs to Analyze Biological Data	Xen on ARM
12:15				
12:30	Nouveau – On-going work, demos and research	Growing a GNU with Guix	Bio4j: bigger, faster, leaner	
12:45			Bio4j + Statika	The Connected Car and FOSS
13:00				
13:15				
13:30	Grate	DevAssistant – What's in it for You?	Semantic Graphs Are For Everyone	In-vehicle DLNA with Rygel and dLeyna
13:45				
14:00				
14:15			LevelGraph – a graph store for node.js and the browser!	Managing the Car Cloud connection
14:30	An Introduction to the Video4Linux Framework	See Your Project Pulse in Real-Time with Fedmsg		
14:45			Natural Language Processing with Neo4J	Fuel Stop Advisor: the GENIVI LBS APIs into action
15:00				
15:15				
15:30	The Lima driver	Non-Coders Wanted	Graphgists – live graph documentation on steroids.	Tizen 3 Application Framework
15:45				
16:00				
16:15			Graph Search	Tizen IVI "from scratch": customizing, building and testing
16:30	lima driver: Opening up the Mali instruction set	UEFI is not your enemy		
16:45			Visualize your Graph Database	NFC and the Vehicle
17:00				
17:15	Sunxi KMS driver			
17:30		What Ubuntu Does to Help Users		
17:45				

sun	H.2213 – Legal and policy issues	H.2214 – Microkernel-based operating systems	H.2215 (Ferrer) – Lightning talks	Janson – Main tracks
09:00		Welcoming and Introduction		
09:15	IP risks for OSS developers	Rump Kernels, Just Components		
09:30				
09:45	Sisyphus is Happy			
10:00				
10:15	Licensing and Packaging FOSS with SPDX	Genode as general-purpose OS – progress report and demonstration	python-netsnmpagent –...	F-Droid
10:30			Linux Configuration. . .	
10:45				
11:00		HelenOS annual update	BibOS Admin – a . .	
11:15	Considering the Future of Copyleft		What’s New in a Project?	HTML5 Video Part Deux
11:30			Project development & . .	
11:45			LSB, LANANA, FHS, LSB 5, . . .	
12:00				
12:15	Legal issues from a radical community angle	The microkernel OS Escape	Babelfish for DevOps: . . .	The Wikipedia stack
12:30			Blare: policy-based. . .	
12:45			Mailvelope: OpenPGP for. . .	
13:00				
13:15				
13:30		State of the Union: What’s new in the L4Re Microkernel System		MirageOS: compiling functional library operating systems
13:45				
14:00				
14:15				
14:30	Taking license compatibility semi-seriously		Secure applications on top of L4	
14:45		GNU/Hurd DDE userland device drivers	Introducing the Meson. . .	
15:00			Introduction to LAVA	
15:15	Why Licenses Requiring Use of Trademarks are Non-Free	Virtualization Dungeon on ARM	Security model using. . .	Persistent Memory
15:30			Web and mobile testing. . .	
15:45			Community-Lab	
16:00				
16:15	Licensing Models and Building an Open Source. . .	Read-Copy-Update for HelenOS	Advanced disk image. . .	Concurrent Programming Made Simple
16:30			Ceph	
16:45	EU research funding – Horizon 2020 and Free. . .	Rethinking Resource Control	The SAML protocol	
17:00			Putting the PaaS in. . .	
17:15				
17:30			Your Complete Open Source. . .	
17:45				
				Closing FOSDEM 2014

sun	K.1.105 (La Fontaine) – Main tracks	K.3.201 – Python	K.3.401 – JavaScript	K.4.201 – Valgrind
09:00				
09:15		Logic Programming in Python		
09:30				
09:45		Introduction to py.test fixtures	Javascript Room Welcome	
10:00				
10:15		OpenPyXL	Beyond the To-do List	Valgrind Support in the Eclipse IDE
10:30	OpTiMSoC			
10:45		Introducing the Eve REST API Framework		Testing of valgrind RPMs in RHEL
11:00			Building front-end JavaScript apps that scale	
11:15		Stack switching for fun and profit		SimuVEX
11:30	ARM: Allwinner sunxi SoC's and the community behind it			
11:45		SQLAlchemy Drill	Cute – a smaller Angular	
12:00				
12:15		Some recipes with Alembic		
12:30	Power management: a system wide challenge		Evolutionary algorithms	
12:45		Post-mortem Debugging and Web Development		
13:00				
13:15			Using a hypermedia API with Angular.js	
13:30	USE OTR or how we learned to start worrying and love cryptography			Helgrind: a constraint-based data race detector
13:45				
			Javascript for enterprise	
14:00				
14:15		The next generation Python Software Foundation (PSF)		Porting Valgrind on Solaris
14:30	Capsicum			
14:45		How PyPy makes your code run fast	Hidden gems in npm	
15:00				
15:15		Using All These Cores: Transactional Memory under the hood (PyPy)	Javascript & Robotics	GDB, so where are we now?
15:30	No more IPv4			Combining the power of Valgrind and GDB
15:45		A deep dive into PEP3156, the new asyncio module		
16:00				
16:15		Concurrent programming with Python and my little experiment	JavaScript in the Real World	BoF: Valgrind and GDB integration
16:30	Using RIPE Atlas API for measuring IPv6 Reachability			
16:45		Integrating Python and C using CFFI	Javascript Devroom Wrap-up	
17:00				
17:15		PyPy : a fast Python Virtual Machine		BoF: Ideas, new features and directions for Valgrind
17:30				
17:45		Generators, or how to step to the infinite and beyond		

sun	K.4.401 – LLVM	K.4.601 – Go	UA2.114 (Baudoux) – NoSQL	UA2.220 (Guillissen) – Certification			
09:00	Introduction to LLVM dev-room						
09:15	Clang: Re-inventing the Compiler						
09:30							
09:45							
		Go Devroom Welcome					
10:00	Auto-Vectorization in LLVM	Iris Decentralized Messaging	Elasticsearch 1.0	LPI Exam Session 3			
10:15							
10:30	The Avatar project – improving embedded security...						
10:45							
11:00	The LLVMLinux project	Camlistore	How you can benefit from using Redis				
11:15							
11:30							
11:45							
12:00	How to contribute to LLVM	Interfaces: a new leaf for an old book	Schema Design with MongoDB				
12:15							
12:30	Two uses cases for the clang C++ parser: Online...						
12:45							
13:00	Statically compiling Ruby with LLVM	Scaling with go: Youtube's Vitess	Managing data for interactive applications with Couchbase	LPI Exam Session 4			
13:15							
13:30							
13:45							
14:00	LDC – the LLVM-based D compiler	Write your own Go compiler					
14:15							
14:30		Looking toward Go 1.3	Headless with Cassandra				
14:45							
15:00	Case study/tutorial on using LLVM in REPL systems	Porting Go to New Platforms	SQL to NoSQL, what you need to know	LPI Exam Session 5			
15:15							
15:30							
15:45							
16:00	An approach for energy consumption analysis of...		OpenShift & MongoDB				
16:15							
16:30	High Level Loop Optimizations in LLVM	Go Lightning Talks	YARN, the Apache Hadoop Platform for Streaming, Realtime and Batch Processing				
16:45							
17:00							
17:15							

sun	UB2.252A (Lameere) – Embedded	UD2.120 (Chavanne) – Virtualisation and IaaS	UD2.218A – Testing and automation
09:00			
09:15			
09:30			
09:45			
10:00			Welcome to the Testing/Automation Devroom
10:15	The mbed platform		
10:30			Preventing craziness: a deep dive into OpenStack testing automation
10:45	mbed Open SDK & Open HDK		
11:00			
11:15			ANSTE – Advanced Network Service Testing...
11:30	Memory Tuning Android for Low-RAM Devices		
11:45			
12:00			
12:15			
12:30	Bootling Linux Made Easy: A Barebox Update		
12:45			
13:00			
13:15	Lumicall – an open alternative to Viber		
13:30			
13:45	Android Sensors 101		
14:00			
14:15			
14:30	Underwater Acoustics to Opkg		
14:45			
15:00			
15:15	What if we could change programming languages?		
15:30			
15:45	Integrity protection solutions for embedded systems		
16:00			
16:15			
16:30	Metadata tracker		
16:45			
17:00			
17:15			
			Jenkins developers/users birds of a feather